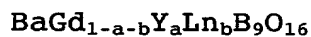


WHAT IS CLAIMED IS:

1. A phosphor comprising Ba, Gd, Y, B, O, and at least one selected from the group consisting of Ce, and Tb.

2. A phosphor according to claim 1, wherein the at least one selected from the group consisting of Ce, and Tb is used as an activator.

3. The phosphor according to claim 1, expressed by a composition formula of:



where:

Ln represents at least one selected from the group consisting of Ce, and Tb; and

a and b satisfy  $0.05 \leq a \leq 1$  and  $0.003 \leq b \leq 0.5$ , respectively.

4. A vacuum ultra-violet radiation excited light emitting element comprising a phosphor which comprises Ba, Gd, Y, B, O, and at least one selected from the group consisting of Ce, and Tb.